IAP3 Rec'd PCT/PTO 15 DEC 2005

PTO-1390 (Rev. 07-2005)
Approved for use through 3/31/2007. OMB 0651-0021
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ATTORNEY'S DOCKET NUMBER TRANSMITTAL LETTER TO THE UNITED STATES ICH 303-US DESIGNATED/ELECTED OFFICE (DO/EO/US) APPLICATION NO. (If known, see 37 CFR 1.5) CONCERNING A SUBMISSION UNDER 35 U.S.C. 371 INTERNATIONAL APPLICATION NO. PCT/EP2004/006711 INTERNATIONAL FILING DATE June 22,2004 June 26. 2003 TITLE OF INVENTION OPTICAL AMPLIFYING MATERIALS APPLICANT(S) FOR DO/EO/US Robert Beer; Rolf Steiger; Michel Schar; and Libero Zuppiroli Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information: 1. X This is a FIRST submission of items concerning a submission under 35 U.S.C. 371. This is a SECOND or SUBSEQUENT submission of items concerning a submission under 35 U.S.C. 371. This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below. The US has been elected (Article 31). A copy of the International Application as filed (35 U.S.C. 371(c)(2)) a. is attached hereto (required only if not communicated by the International Bureau). b. As been communicated by the International Bureau. is not required, as the application was filed in the United States Receiving Office (RO/US). 6. An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)). is attached hereto.; Along w/Statement by Dr. Jakob Kuhn (translator) has been previously submitted under 35 U.S.C. 154(d)(4). Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3)) are attached hereto (required only if not communicated by the International Bureau). have been communicated by the International Bureau. have not been made; however, the time limit for making such amendments has NOT expired. have not been made and will not be made. An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)). 9. **[X**] An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)). 10. An English language translation of the annexes of the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)). Items 11 to 20 below concern document(s) or information included: 11. L_ An Information Disclosure Statement under 37 CFR 1.97 and 1.98. 12. An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included. A preliminary amendment. An Application Data Sheet under 37 CFR 1.76. 15. A substitute specification. 16. L A power of attorney and/or change of address letter. 17 I A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821- 1.825. 18. A second copy of the published International Application under 35 U.S.C. 154(d)(4). A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4).

This collection of information is required by 37 CFR 1.414 and 1.491-1.492. The information is required to obtain or retain a benefit by the public, which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 15 minutes to complete, including gathering information, preparing, and submitting the completed form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Mail Stop PCT, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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U.S. APPLICA	U.S. APPLICATION NO. (if known, see 37 CFR 15)		PCT/EP200		ATTORNEY'S DOCKET NUMBER ICH 303-US		
20. Other items or information:							
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The following fees have been submitted					CALCULATIONS	PTO USE ONLY	
21. 🔀 Basi	1. 🔀 Basic national fee (37 CFR 1.492(a))			\$300	\$ 300		
22. Examination fee (37 CFR 1.492(c))							
by IPEA/	nion prepared by IS /US indicates all cl ns	\$ 200					
23. Search fee (37 CFR 1.492(b)) If the written opinion of the ISA/US or the International preliminary examination report prepared by IPEA/US indicates all claims satisfy provisions of PCT Article 33(1)-(4)\$0 Search fee (37 CFR 1.445(a)(2)) has been paid on the international application to the USPTO as an International Searching Authority					\$ 500		
TOTAL OF 21, 22 and 23 =					\$1000		
sequenc electroni	e for specification e listing in complia c medium) (37 CF s \$250 for each ad						
Total Sheets	Extra Sheets	Number of each additional 50 or fraction thereof (round up to a whole number)		RATE	_		
- 100 =	/50 =			x \$250	s 0	l	
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CLAIMS	NUMB	ER FILED	NUMBER EXTRA	RATE	\$		
Total claims		20 -20=	0	Դ × \$50	\$ 0		
Independent claims 2 -3 =		0	x \$200	\$ 0			
MULTIPLE DEP	ENDENT CLAIM(S	\$					
☐ Applicant cla	ime emall entity et	\$					
Applicant claims small entity status. See 37 CFR 1.27. Fees above are reduced by 1/2. SUBTOTAL = \$							
Processing fee o	f \$130 00 for furnis	\$					
Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(i)).							
		\$ \$1000					
	the enclosed assi cover sheet (37 (\$ 4.					
TOTAL FEES ENCLOSED = \$ \$1000							
					Amount to be refunded:	\$	
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a. A check in the amount of \$	_ to cover the above fees is enclosed.					
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c. The Commissioner is hereby authorized to charge any Account No A uuplicate copy of this sh	additional fees which may be required, or credit any overpayment to Deposit eet is enclosed.					
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NOTE: Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the International Application to pending status.						
SEND ALL CORRESPONDENCE TO: Onofrio Law 1133 Broadway Suite 1600 New York, New York 10010	SIGNATURE Dara L. Onofrio NAME 34,889 REGISTRATION NUMBER					
	25230 PATENT TRADEMARK OFFICE					

"Express Neil" Reports in Nos. EV450793768US

Date of Decurity the 112/15/05 I hereby carrier that this placer of the is being deposited with the United Street Service "Augusts Miss Post Ciffice to Audrented" souther author 37 CFR 1.10 on the date indicated above and is code-early in the Commissioner, of Patents and Transmission, Washin sum, D.C. 20231. Dipika of . Lettera. rlEV450793766US